

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091680.D
 Acq On : 16 Dec 2016 18:42
 Operator : UM/SJ
 Sample : H6099-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS02-0-2IN

Quant Time: Dec 16 23:19:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

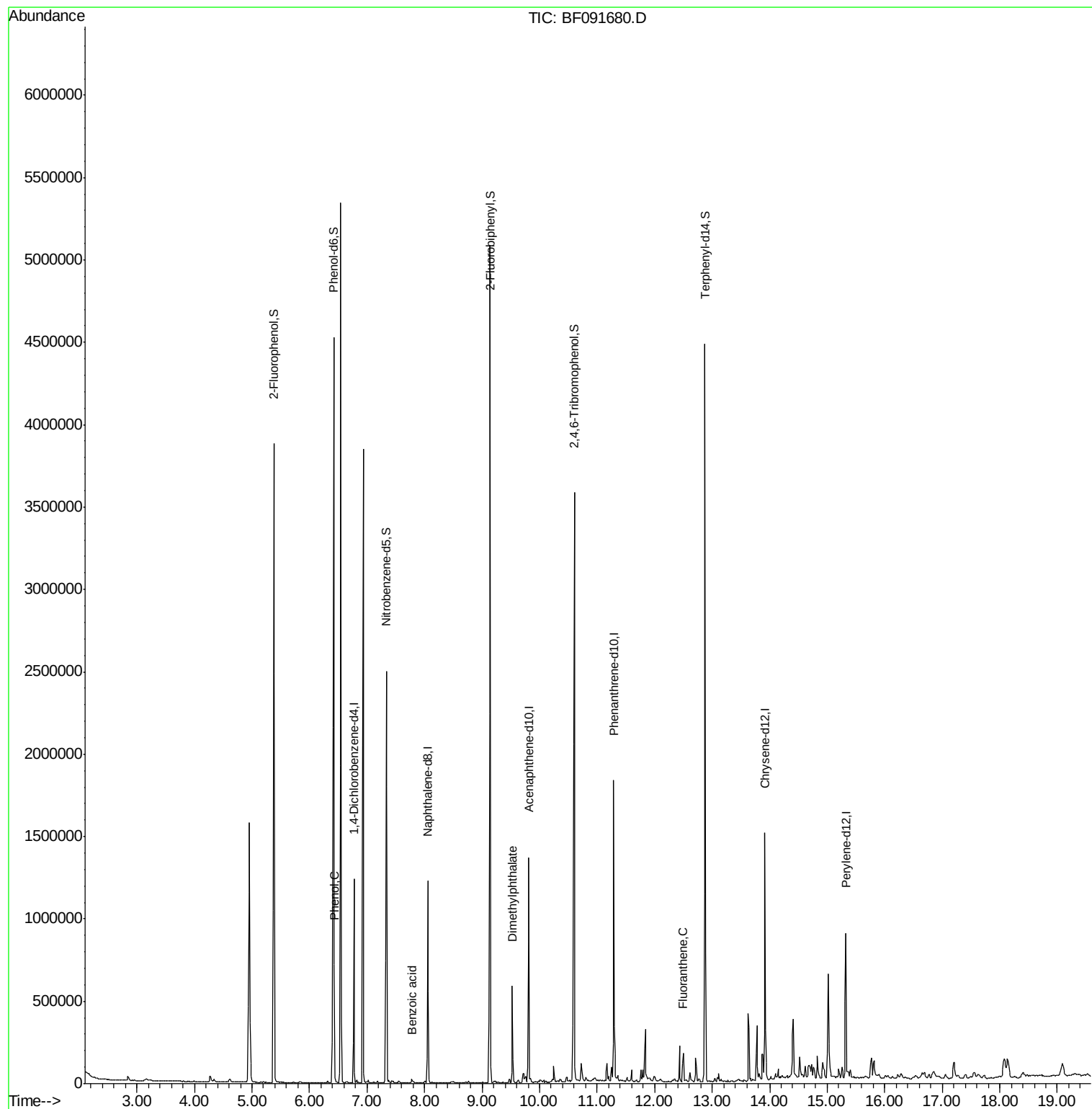
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	169747	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	648054	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	376563	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	600958	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	463780	20.00	ng	-0.02
86) Perylene-d12	15.32	264	387522	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1422848	141.22	ng	0.00
7) Phenol-d6	6.42	99	1609424	128.13	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1221044	105.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	477165	152.56	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1735567	79.64	ng	-0.01
78) Terphenyl-d14	12.88	244	1410703	69.02	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	120294	8.19	ng	89
32) Benzoic acid	7.78	122	8039	5.95	ng	90
49) Dimethylphthalate	9.53	163	233219	9.78	ng	98
74) Fluoranthene	12.50	202	85988	2.76	ng	94

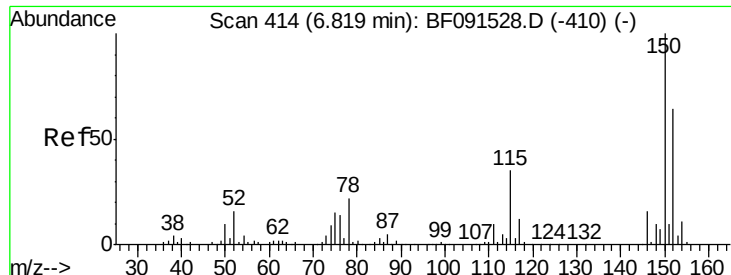
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Instrument :

BNA_F

ClientSampleId :

SS02-0-2IN

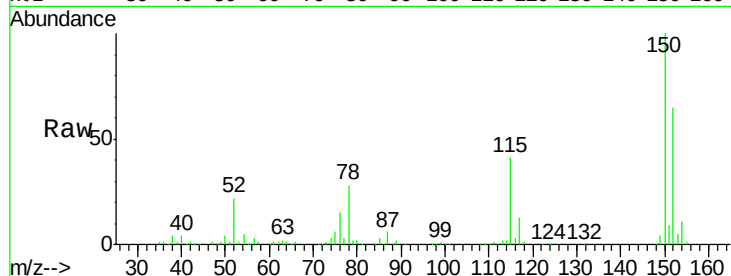
Tot Ion:152 Resp: 169747

Ion Ratio Lower Upper

152 100

150 154.7 122.5 183.7

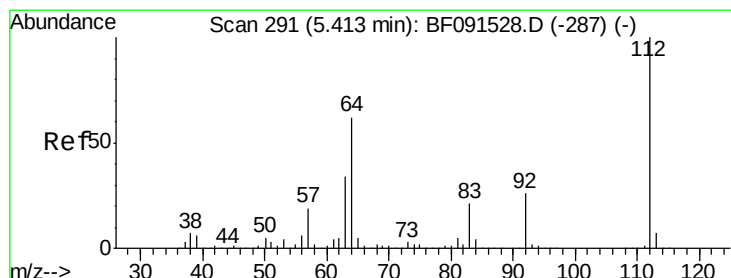
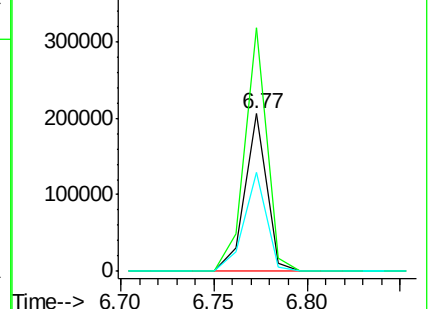
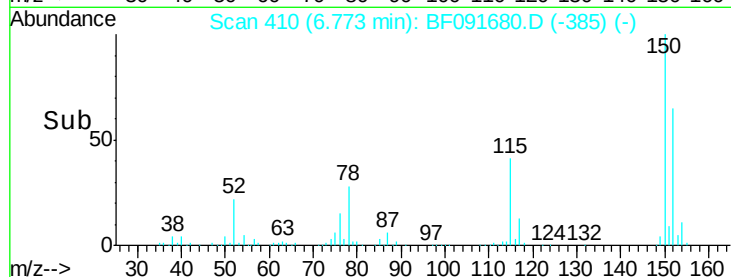
115 62.9 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 141.22 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

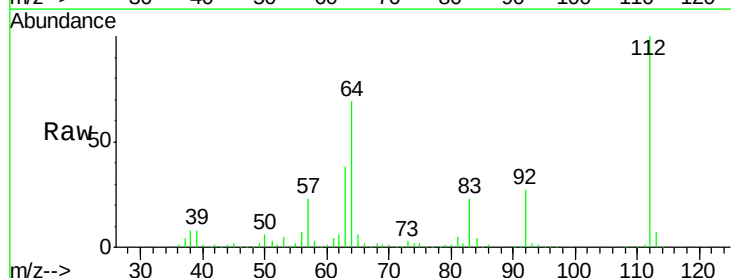
Tgt Ion:112 Resp: 1422848

Ion Ratio Lower Upper

112 100

64 69.2 61.5 92.3

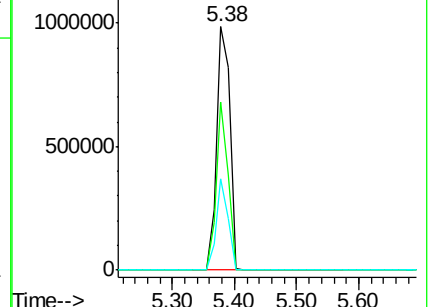
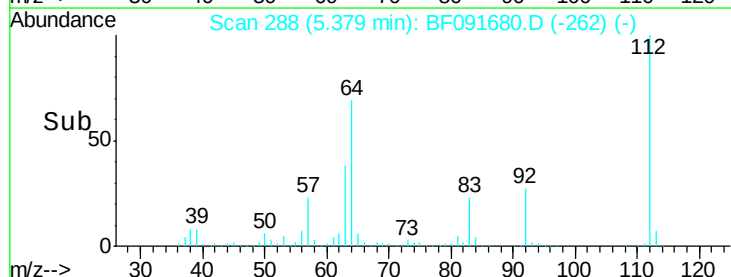
63 37.6 33.3 49.9

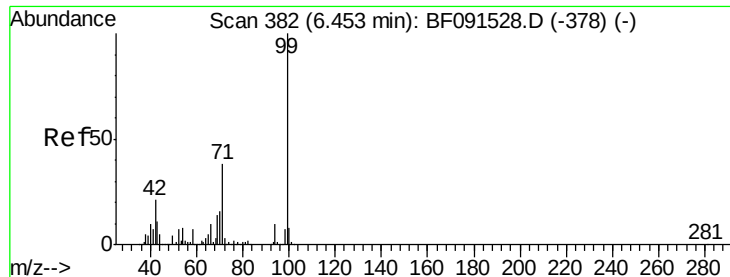


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.13 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Instrument :

BNA_F

ClientSampleId :

SS02-0-2IN

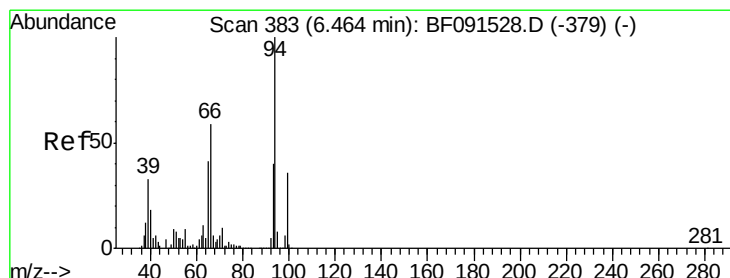
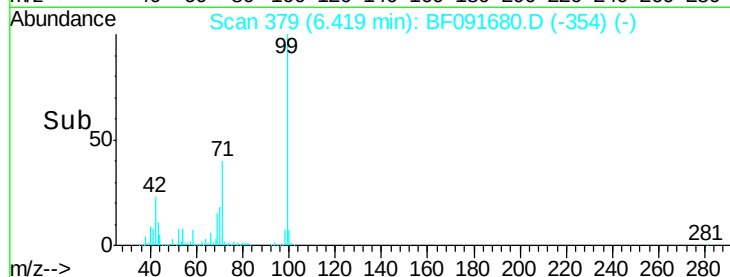
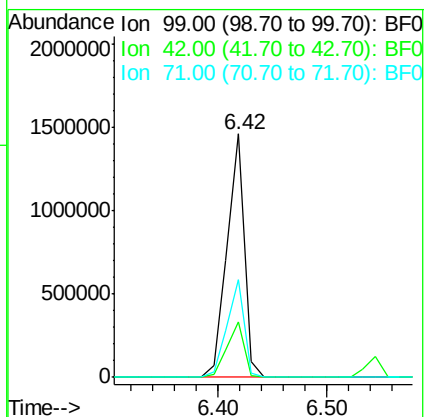
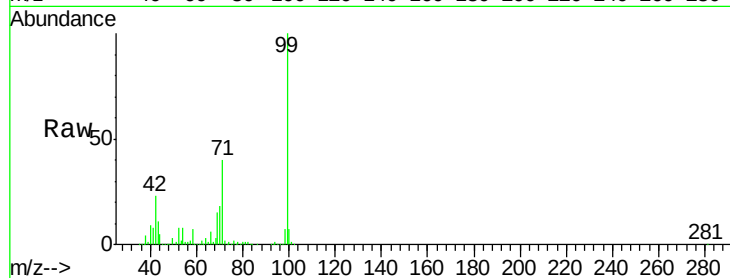
Tot Ion: 99 Resp: 1609424

Ion Ratio Lower Upper

99 100

42 22.7 20.6 31.0

71 40.2 29.9 44.9



#10

Phenol

Concen: 8.19 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

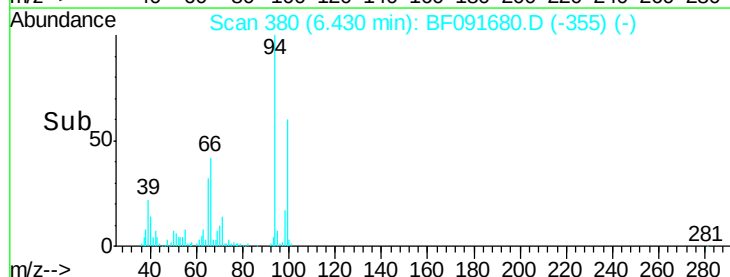
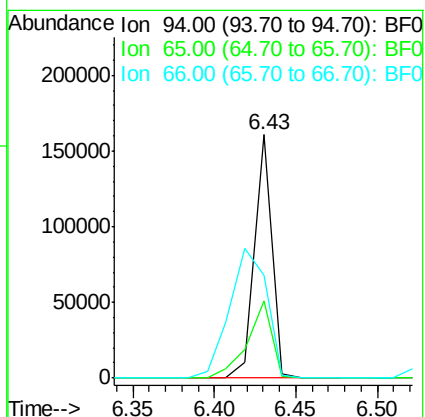
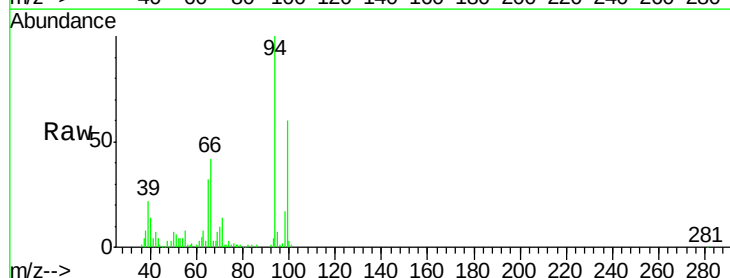
Tgt Ion: 94 Resp: 120294

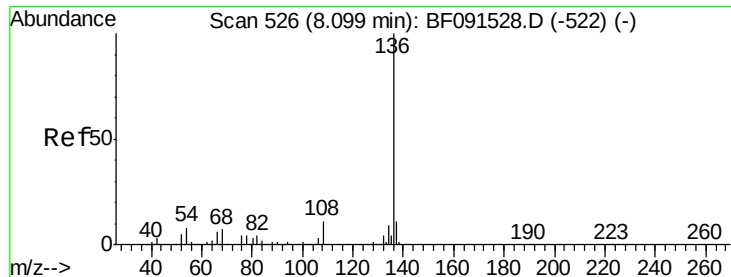
Ion Ratio Lower Upper

94 100

65 31.7 16.9 56.9

66 42.2 30.6 70.6

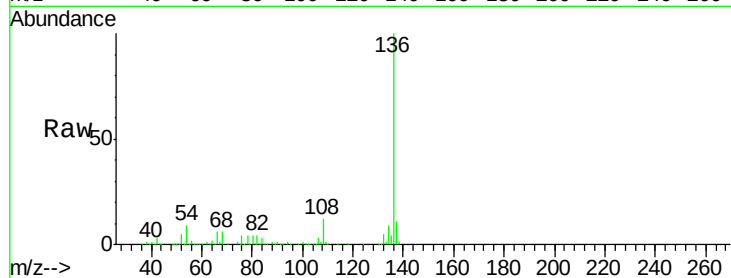




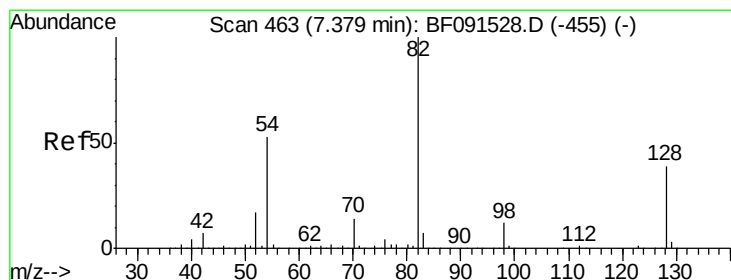
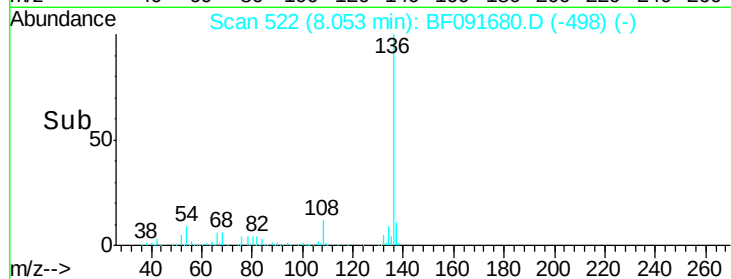
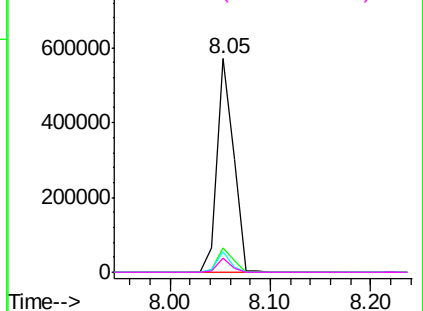
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

Instrument :
BNA_F
ClientSampleId :
SS02-0-2IN

Tot Ion:136	Resp:	648054
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	9.3	9.1 13.7
68	6.3	5.9 8.9

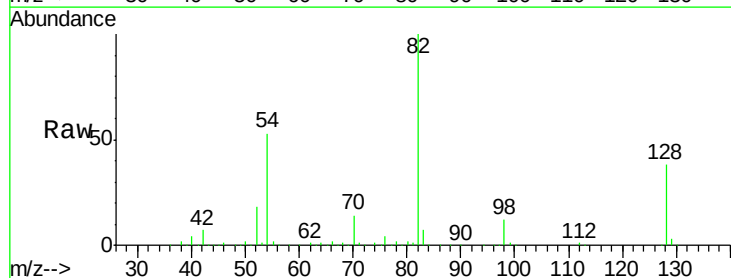


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

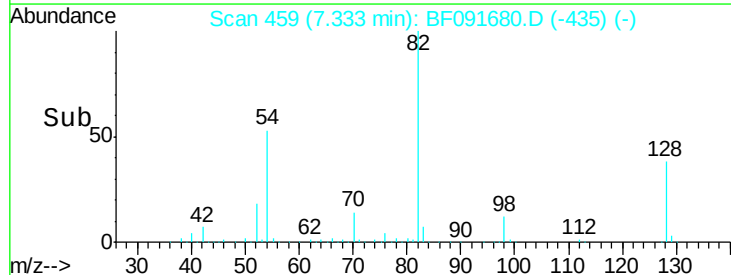
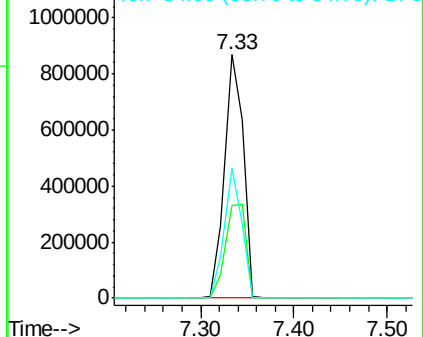


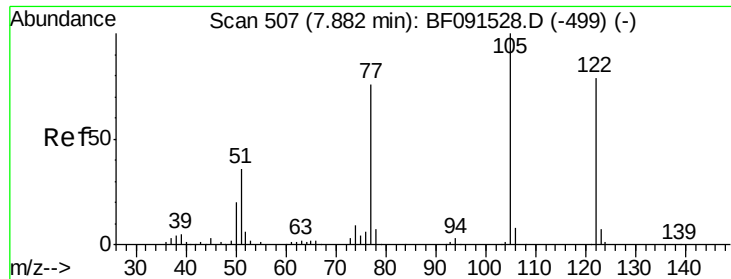
#23
Nitrobenzene-d5
Concen: 105.16 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

Tgt Ion: 82	Resp:	1221044
Ion	Ratio	Lower Upper
82	100	
128	38.1	31.8 47.6
54	53.4	49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

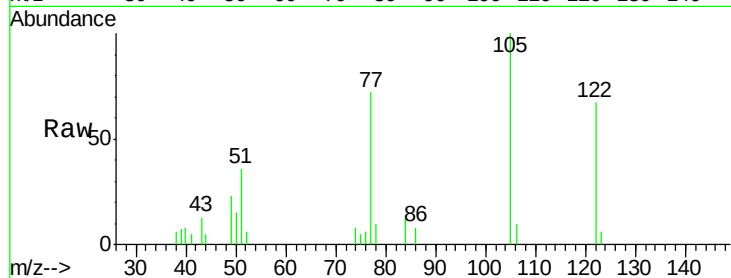




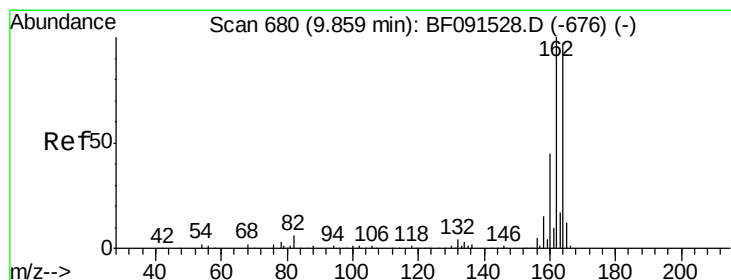
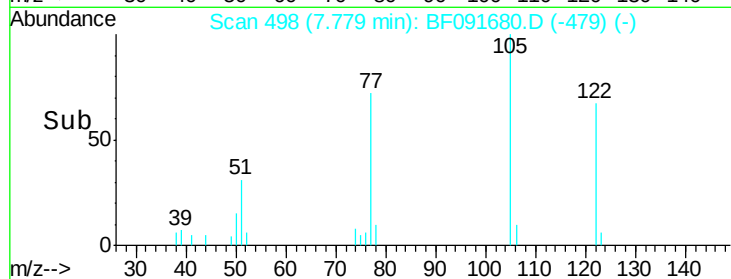
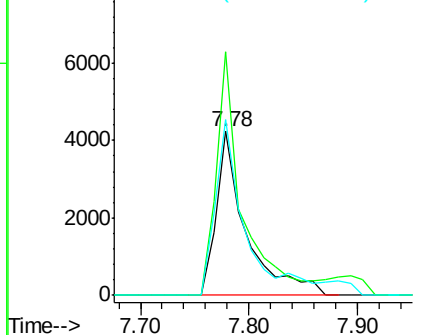
#32
Benzoic acid
Concen: 5.95 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.08 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

Instrument :
BNA_F
ClientSampleId :
SS02-0-2IN

Tot Ion:122 Resp: 8039
Ion Ratio Lower Upper
122 100
105 148.4 113.0 153.0
77 107.1 82.0 122.0

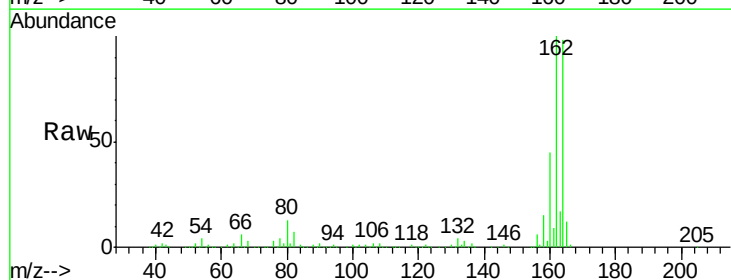


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

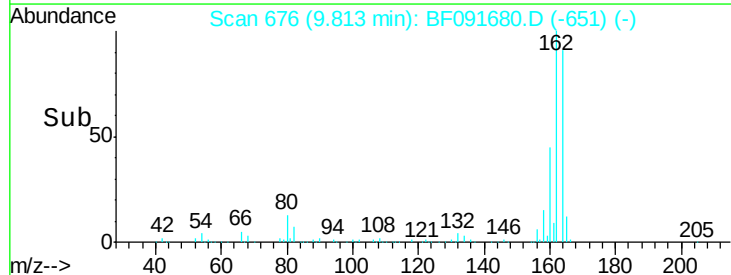
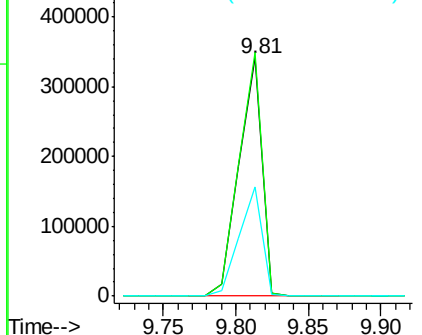


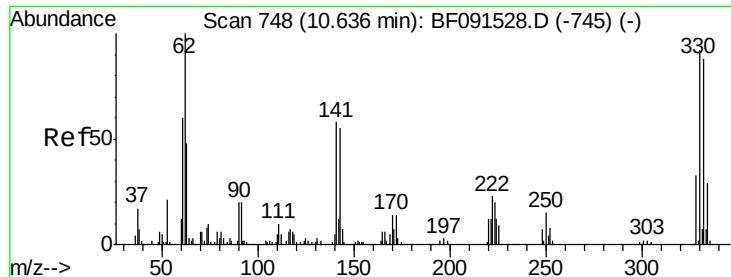
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

Tgt Ion:164 Resp: 376563
Ion Ratio Lower Upper
164 100
162 102.3 82.6 124.0
160 45.7 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

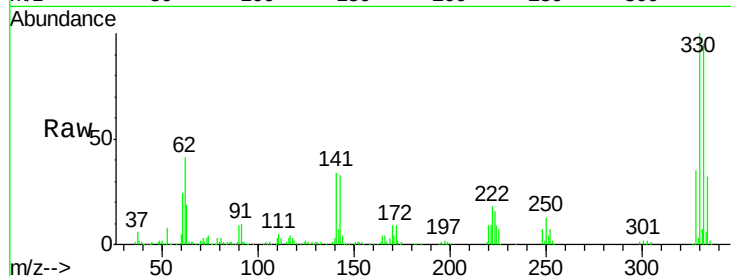




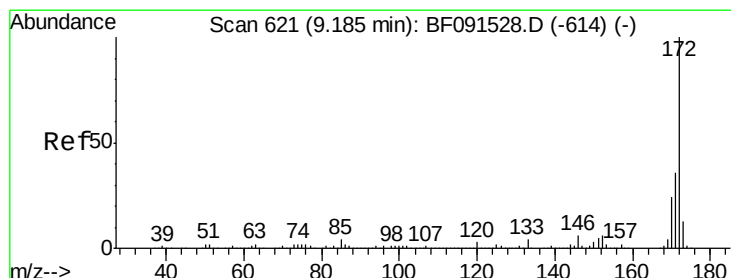
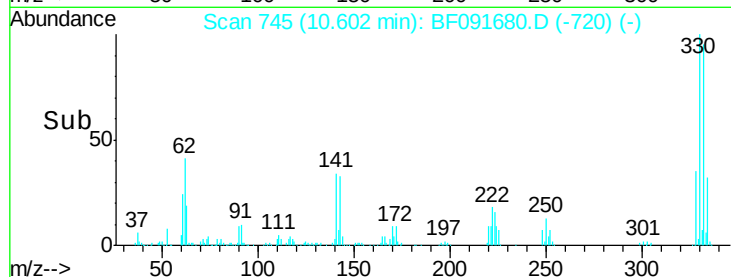
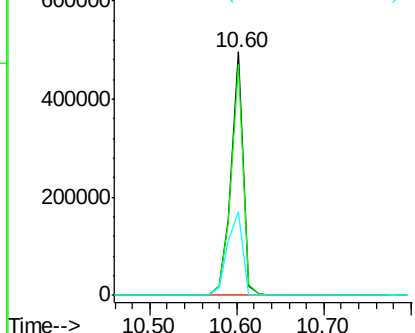
#41
 2,4,6-Tribromophenol
 Concen: 152.56 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SS02-0-2IN

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	43.4	33.6	50.4

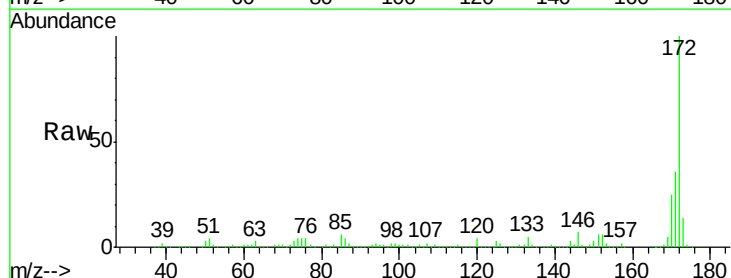


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

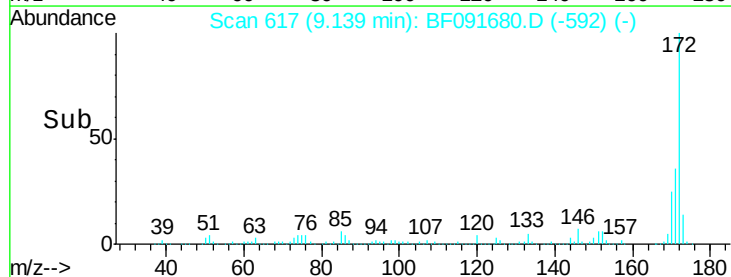
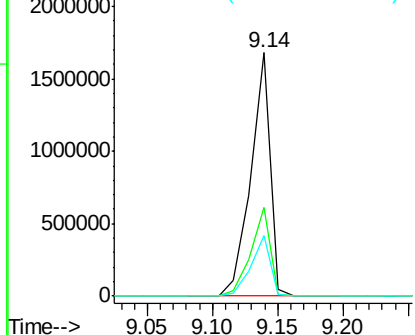


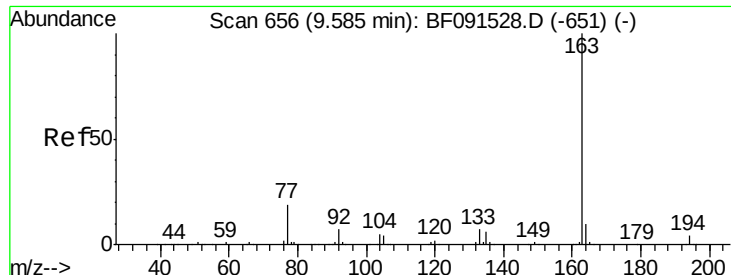
#44
 2-Fluorobiphenyl
 Concen: 79.64 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.9	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.78 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.03 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Instrument :

BNA_F

ClientSampleId :

SS02-0-2IN

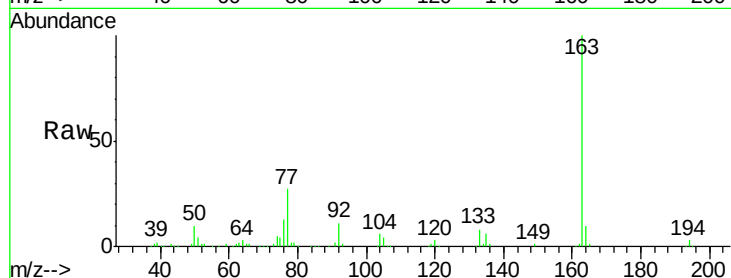
Tot Ion:163 Resp: 233219

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

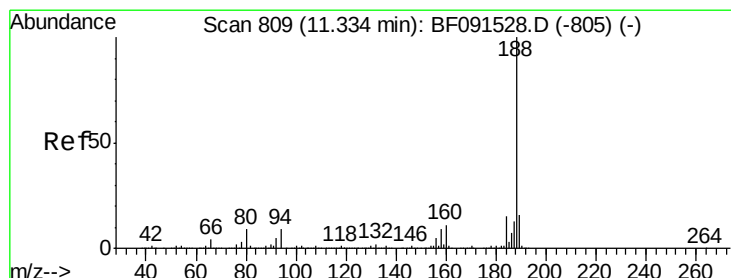
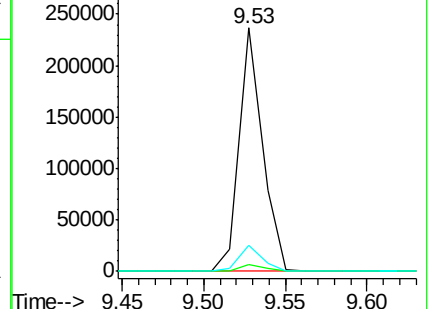
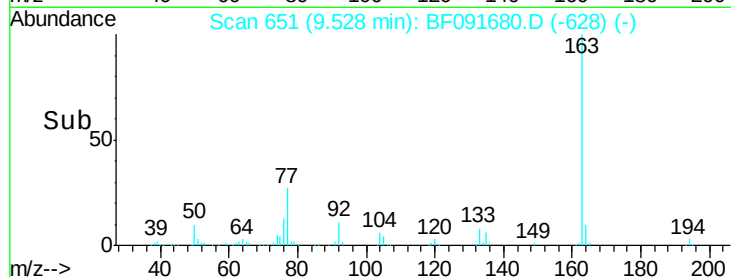
164 10.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

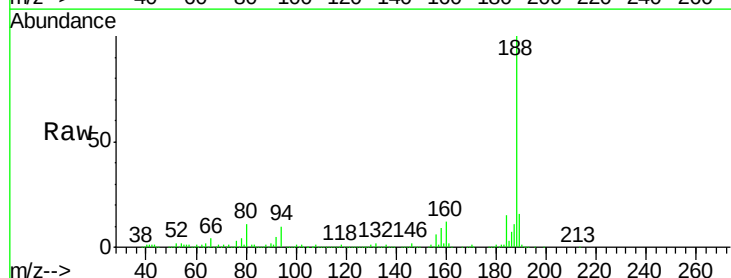
Tgt Ion:188 Resp: 600958

Ion Ratio Lower Upper

188 100

94 9.8 9.2 13.8

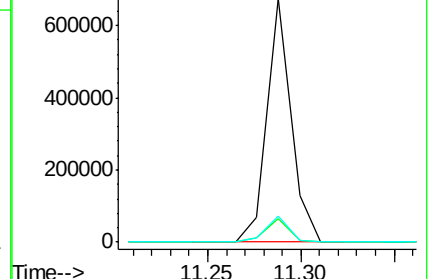
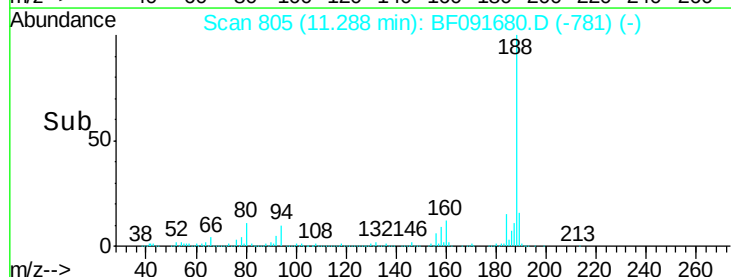
80 10.5 10.5 15.7

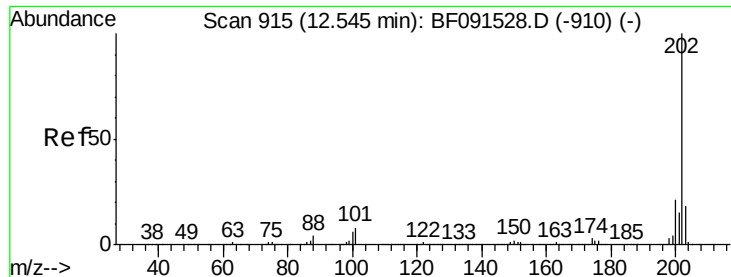


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

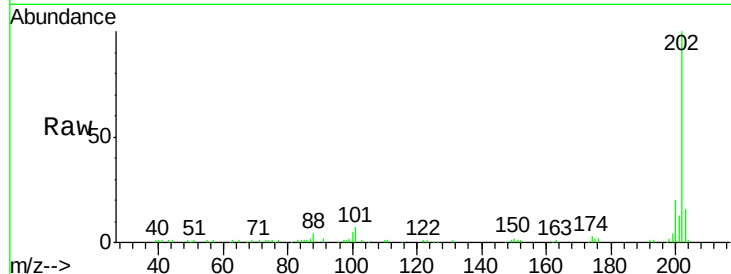




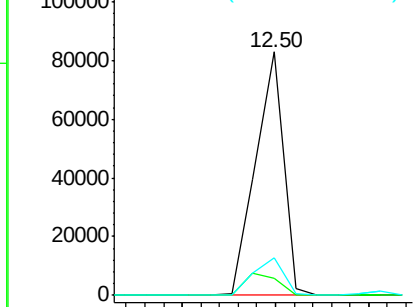
#74
Fluoranthene
Concen: 2.76 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

Instrument :
BNA_F
ClientSampleId :
SS02-0-2IN

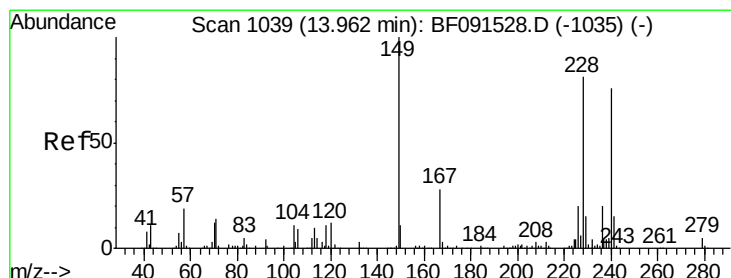
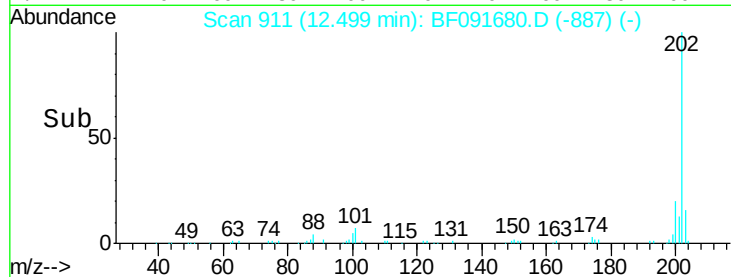
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	29.5
203	15.6	0.0	37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

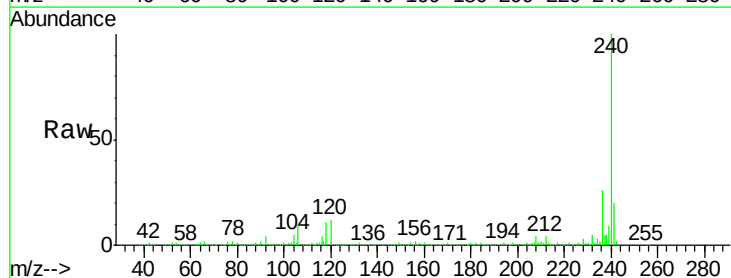


Time-->

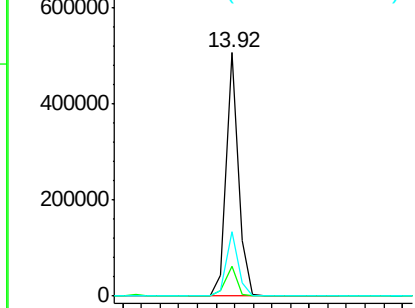


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

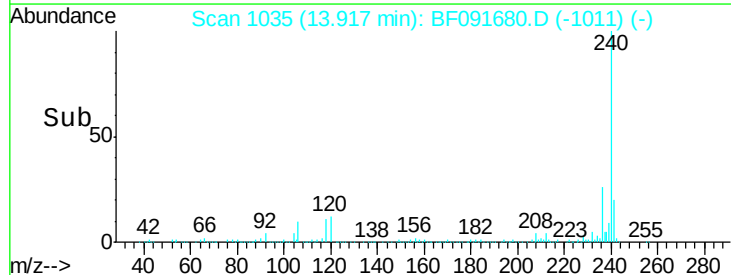
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	12.1	18.1
236	26.3	21.0	31.6

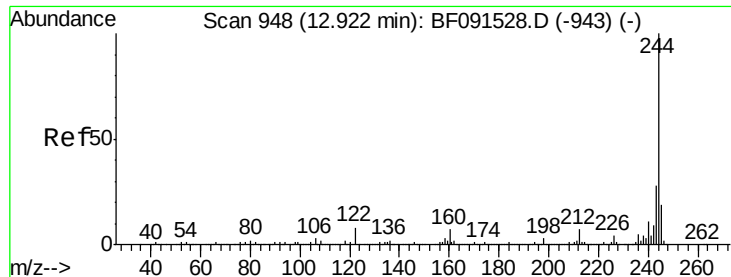


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 69.02 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Instrument :

BNA_F

ClientSampleId :

SS02-0-2IN

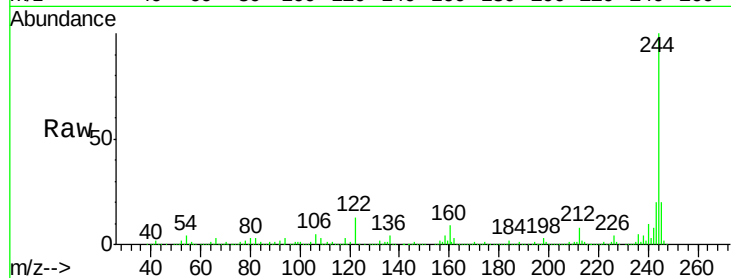
Tot Ion:244 Resp: 1410703

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

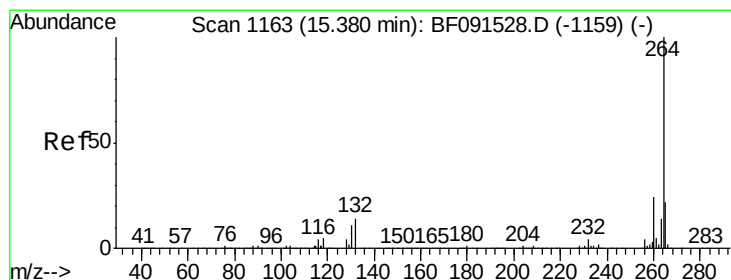
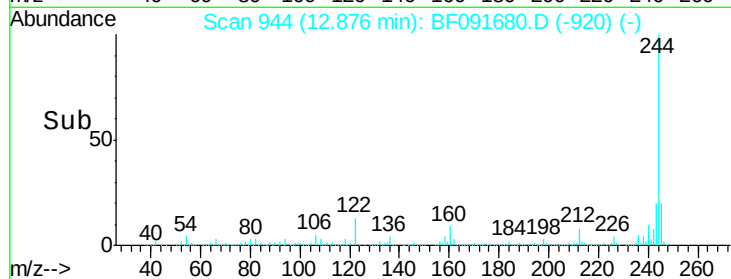
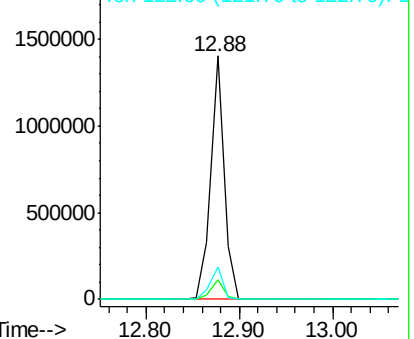
122 13.3 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

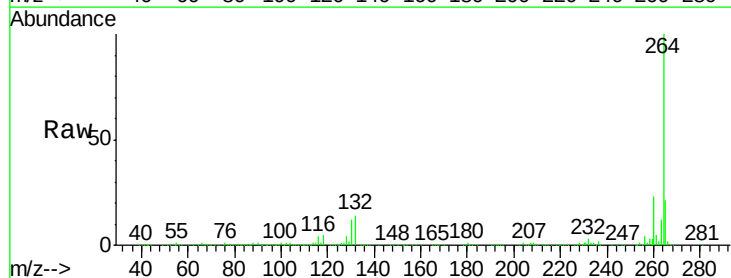
Tgt Ion:264 Resp: 387522

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.2 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

